

JUST GLEANINGS

CIVILIANS MAY USE AIR LETTERS AFTER SEPT. 11

OTTAWA—Postmaster General Maclock announced recently that special air letter facilities thus far available only for the forces through use of the armed services blue air letter, will be extended to civilians, effective on September 11.

Under the new arrangement, civilian air letters may be sent to many commonwealth countries at a special rate of 10 cents.

1400 EASTERNERS AID HARVEST

Arthur MacNamara of Ottawa, director of National Selective Service, said last week, that 1,400 harvest workers had been sent to Alberta from Ontario and Quebec to help in harvesting operations, and that more were on their way. The number of eastern workers now in western Canada totalled more than 6,000.

Mr. MacNamara said some 5,000 prisoners of war had been sent to sugar beet farms in Canada, and more than 8,000 conscientious objectors on dairy farms.

SPECIAL PERMITS FOR TRUCK BUYERS

Automobile dealers purchasing used military trucks through the War Assets Corporation Ltd., have been granted a general permit exempting the trucks from the 35-mile speed limit while the vehicles are being moved from points of sale to dealers' premises. The general permit covers operation for not more than 250 road miles by the most direct route. Otherwise the trucks must use public transportation facilities or move under a special permit secured from the nearest Regional Office of the Wartime Prices and Trade Board.

"F" COUPONS EXPIRE DEC. 31

All canning sugar coupons, P1 to P10, in Ration Book 3, are valid until December 31. The Wartime Prices and Trade Board announces. Until that date, each "F" coupon is good for the purchase of one ounce of sugar if desired. "F" coupons may be converted to measures coupons at any Local Ration Board, on the basis of one "F" coupon for one preserves coupon.

GUARD BUTTER, SUGAR SUPPLY

The butter-sugar situation in Canada is not alarming but bears careful watching, O.W. Rodman, Deputy Ration Administrator pointed out recently. There is no danger of an immediate cut in the sugar ration, Mr. Rodman stated.

Urging butter conservation, he explained that Canada is endeavoring to maintain her foreign commitments in addition to supplying the increasing home market. Possible future diversion of butter and other milk products to UNRRA all indicate that the available supplies must be carefully watched, he said.

Mrs. E. Bassett returned to Carbon Tuesday after spending the week end naving their household furniture from Thre's Hills to Carbon, where Mrs. Bassett will teach this coming term.

VOLUME 23; NUMBER 33

SHOOTING SEASON OPENS IN THIS ZONE ON FRIDAY, SEPT. 15

All Hunters Will Have A Few Shells This Year

Friday morning, September 15, of daylight will see a number of local hunters in their favourite haunts, waiting for the flight of the much-prized mallard, and other species of ducks to be found on this continent.

While shell rationing will have some effect on the amount of shooting that may be done, it will not, to any degree, affect the number of hunters going afield, since the ration of 50 shot shells will provide every hunter with a few cartridges—very few compared with the variety of birds and extended season in Alberta this year.

Owing to the light snow fall of last winter, and the comparatively dry summer, there are very few sloughs in the Carbon district this year and hunters will have to go south to the irrigated lands to find any quantity of ducks.

Hungarian Partridge are coming back after two or three years of scarcity in the district, and the season on these fine game birds opens on October 2nd, closing November 25. But limit is 5 a day and 50 for the season.

Pheasant season opens south of the Redoubt on October 8, and closes November 11th. The limit is 3 cock pheasants per day and 30 for the season. With only a few shot sloughs many hunters will concentrate on this attractive and excellent table bird, and according to all reports these wild birds have increased over previous years.

LAST RITES HELD FOR DOUGLAS CASTIGLIONE

Funeral services for Douglas Hugh Castiglione, aged two years and nine months, were held in the Chapel in the Valley, Saturday, August 26, the Rev. J.H. Naylor, rector of St. Magloire's Anglican Church officiating.

Douglas was accidentally killed on the farm of Mr. Hugh DeLiquiere, east of Carbon on August 24, sustaining injuries when coming into contact with a moving tractor and binder. He was born at Drumheller, and is survived by his mother, living near Carbon.

Gynns sang were: "Some Time Well Underneath," "Jesus Loves Me," and "Abide With Me."

pallbearers were four boys of the district: David Ridgeway, Murray Saunders, Joe Robertson and Harry Sander.

The casket and grave were back to back with a profusion of beautiful flowers sent from his mother, friends and relatives of Carbon and Drumheller.

The interment was in the Drumheller cemetery, Winter's Funeral Home being in charge of arrangements.

Buy More War Savings Certificates!

Shells Parry of Mirror is visiting in town with her grandmother, Mrs. Jane Anderson.

It has been reported that ducks on Beveridge Lake are doing considerable damage to grain crops in the Hesketh district.

C. H. Nash's carload of fruit came in Monday and it is selling like hot cakes.

A WEEKLY EDITOR LOOKS AT WITAWA

Written usually for the weekly newspaper of Carbon

By JIM GREENBLAT

Government injunctions to conserve gasoline by curtailing non-essential driving of motor vehicles is no ill-gate in the light of war necessities. It is well to know that Canada's great oil sources of crude oil, the Alberta Turner Valley field, is producing 100,000 barrels less daily than a year ago. Sixty percent of our imported crude oil has to come by ocean tanker. The need of aviation gas, for example, jumped from 5.5 million gallons in 1939 to 176 million gallons for the year ending March, 1944. Our Royal Canadian Navy uses 2 million gallons of oil a week; it takes 100,000 gallons to move an armoured corps of 20,000 men on top of this just realize the needs of industry and agriculture, truly a staggering amount, not justified. So plain joy riding is not when.

Here's a word to prospective parents on obtaining a baby's ration book. Time was when a book could not be obtained without presenting the baby's baptismal or birth certificate to the local ration board. Now, according to the latest word from the Consumer Branch, Wartime Prices & Trade Board, the signature of the attending physician or the superintendent of the hospital or maternity home on a statutory declaration, is all that is needed. Local ration boards will issue the baby's ration book when the declaration is presented. Incidentally, a statutory declaration is a statement in the new book, but will be suspended on special request if areas where coupons are required for this product.

There is no scarcity of binder-twine despite manpower problems and increased cost of raw materials. In fact, to controls, and farmers are getting it at nine cents a pound, same price as in 1940. Contrasts that the first year of the war the last year when the wholesale price of binder twine was 25 cents a pound. In a harvest season about 65 million pounds of twine are used and an increase of even one cent a pound would run into an increased cost of \$650,000 a year to our farmers. Present quality is the best that can be obtained from raw material.

Britain has to eat, war or no war, and Canada is helping by sending her food. Our beef agreement calls for delivery of a minimum of 100 million pounds of beef equivalent to 225,000 cattle in 1944-45. The bulk of this will be shipped from the prairie provinces, Ontario and Quebec, but the Meat Board is also prepared to accept surplus quantities of cow beef from British Columbia at such times in the future as the province has a surplus over domestic needs.

Six hundred carloads of supplies have been produced in the factories of a prisoner-of-war camp near Montreal in the past 15 months. The articles produced, including tractor carriers, hospital chairs, wall lockers, wooden cots and metal beds, blankets, etc., are all products not used directly in the prosecution of the war. In the best recruiting shows, are re-issued a quantity of which, ironically enough, will go overseas.

Contrasts that the Allies. The Germans are chiefly German seamen captured by Canadian naval units.

The need of heavy ammunition is acute. The Department of Munitions and Supplies, and the Ministry of War Production, estimate that before the end of the war 7,000 men and 500,000 men will be needed to produce current requirements.

POLES ON THE 4TH ARMY FRONT

Picture taken on the 4th Army front, in the sector held by a Polish Corps, shows a Polish Before gun and crew ready for action. In the past few

"The World of Wheat" Reviewed Weekly By Major H.G.L. Strange

FARM LABOR URGENT NEED

I have just returned from a trip looking at the harvest situation over the Prairies. In many districts there is a serious shortage of labor. Many crops are late, and winter is approaching, so as soon as crops ripen they will have to be harvested in a hurry.

At the moment current labour is not available, and wages therefore are high, and yet we have in Canada tens of thousands of young men, fit and strong who would be happy to help. These are the members of the army who have been enlisted for the Home Service, and who cannot, under existing regulations, be sent overseas. There is danger now of an invasion of Canada; it does not seem likely that military operations will be delayed if these young men were released for a month or six weeks to help with the harvest.

There is something else, too. Farmers' quotas are low because there is insufficient storage space in country elevators. This is caused to some extent because there is insufficient labor at the elevators to unload cars. A few more hundred men at the elevators would make all the difference, and would enable farmers' delivery quotas to be increased.

Good store workers, therefore, are here in Canada, and in my humble opinion should be released at once to help our farmers to harvest this late crop.

LIGHTS IN BRITAIN TO GO ON AGAIN SEP. 17

Great Britain's drastic blackout regulations, which for five years have kept England in inky blackness by day, will be relaxed and street lighting will be restored on September 17th. Home Secretary Morrison announced recently.

At the same time the War Office suspended the calling up of home guard recruits and announced that effective immediately home guard drills and training would be on a purely voluntary basis.

Under the blackout regulations, which means that the lights will go on again in such streets as Piccadilly in London, only ordinary curtains or blinds will be required for homes except in the most vital coastal areas, and street lighting will be strengthened by stages until it is virtually normal.

The watching will be suspended over most of the country.

Automobiles will be required to have lights dimmed but only by what amounts to one thickness of tissue paper.

BLIZZARD OF MONEY IN N.C.

PORT MOODY, B.C. — When the Canadian Pacific eastbound passenger train passed through here recently it left a blizzard of money in its wake.

An estimated \$27,000 was scattered up and down the track when a mail bag, three from this machine came off the station platform, fell under the wheels and split open.

Destined for the Royal Bank of Canada here the money was the payroll for a lumber company.

Postal officials said most of the money had been recovered.

The Dominion Bureau of Statistics has estimated that travellers' winter coats last year cost about \$800,000,000 and expect this season's returns will exceed this figure as a result of a slight boom in the tourist traffic.

CARBON, ALBERTA, THURSDAY, SEPTEMBER 14, 1944

\$2.00 A YEAR; 5¢ A COPY

SEVENTH VICTORY LOAN TO BE OFFERED TO PUBLIC IN OCT.

Loan Objective To Be \$1,300,000,000 Minimum

Finance Minister Billy Monday gave Canadians a new high target of \$1,300,000,000 for the Seventh Victory Loan campaign, which will open on Monday, October 23rd.

The \$1,300,000,000 figure, which he announced as "the minimum objective" is \$100,000,000 above the objective of the Sixth Victory Loan campaign which last May yielded \$1,407,247,650.

In his announcement, Mr. Hiley said the borrowing requirements for the current fiscal year still stood at the \$1,200,000,000 figure estimated in his budget speech June 28.

Achievement of the objective announced by Mr. Hiley would bring grain and already a nine loans to a total of \$8,456,178,750. The eight previous loans, with steadily mounting requirements, have yielded \$7,156,178,750, excluding conversions.

To the farmers of the Carbon district, the last finance committee is taking this means to remind them that in previous loans many gave the extra that they would gladly buy bonds if they could only sell their wheat. With an open quota this summer, it is expected that the farmer will put aside some funds to buy bonds in the Seventh Victory Loan.

CUTTING IS COMPLETED: THRESHING HALF DONE

Fine, warm weather has been ideal for harvesting of the 1944 grain crop and practically all cutting has now been completed.

With the completion of cutting the farmers turned to threshing; of the grain and already a large percentage of the grain has been threshed, and many farmers report that they have completed their harvest. Others will finish up this week end.

Give the carbon ideal weather that has prevailed the past two weeks, all harvesting operations in this district will be fairly well completed within the next ten days.

Mrs. Bonnie Fox returned to Carbon Thursday after spending a few days in Calgary.

Mrs. M.J. Elliott, who has sold her house in town and is moving to Victoria, B.C., will have an auction sale here at Carbon on Saturday afternoon, September 23rd.

enough to fill the kitchen; Cleaned the lamps, and put in Stewed some apples she thought would spoil.

Cooked a supper that was delicious And afterwards washed up all the windows.

Fed the cat and sprinkled the clothes, Mended a basketful of hose; Then opened the organ and began to play.

"When You Come to the End of a Perfect Day."

LOCAL SCHOOL TO RE-OPEN FOR FALL TERM OCT. 2

In line with other schools in the province, the Carbon public and high schools re-open for the fall term on Monday, October 2nd, after a ten-weeks' vacation.

Teachers for the four rooms have been engaged. They are: Principal, Mr. P.H. Steele, Room 3: Mrs. Nancy Potter, Room 2: Miss Nell Schuchle, Room 1: Mrs. E.M. Ritchie.

Allan Orr Loses Life When Truck Overtakes, Mon.

A fatal accident occurred five miles south and west of Swallow on Monday night when Allan Orr of Swallow, was killed when the truck he was driving overturned.

Details of the accident are lacking, but it is said that Mr. Orr in some manner lost control of the truck and it went into the ditch, where it overturned, causing his death.

The deceased was a well-known resident of the Swallow district and his many friends regret to hear of his death.

Funeral services for the late Allan Orr are to be held today (Thursday) at one o'clock from the Swallow Union Church.

WHEN GRANDMA WAS A GIRL

Grandmother, on a winter's day, Milked the cows and fed them hay, Shipped the hogs, saddled the milk, And got the children off to school; Did a washing, mopped the floors, Washed the husband's dirty work, and some chores;

Cooked a dish of home-dried fruit, Pressed her husband's Sunday suit, Baked a dozen loaves of bread, Split some firewood, and lugged in

KLINGTITE BELTING

WE STOCK KLINGTITE CUT BELTING From 1 1/2 to 6 inches wide.

PUT IN YOUR ORDER EARLY FOR ENDLESS BELTS

BUILDERS' HARDWARE STORES LTD. CARBON'S LEADING HARDWARE WM. F. ROSS, Manager PHONE 3, CARBON, ALTA.

GASOLINE, OILS AND GREASES

Place your order now for your harvest requirements of Gasoline, Oil and Grease. PROMPT SERVICE—GOOD PRODUCTS—SATISFACTION GUARANTEED

GARRETT MOTORS Phone: 31 S.J. Garrett, Prop. Carbon

PRESERVING FRUIT IS NOW AT ITS BEST

HALE PEACHES PEARS ITALIAN PRUNES AND PLUMS RIPE TOMATOES—CANTELOUPES WEALTHY APPLES

See Us For Your Canning Requirements

YOU'LL DO BETTER AT THE FARMERS' EXCHANGE RED & WHITE STORE

The modern home is one in which a switch regulates everything but the children.

Druggists War Stamp Drive for September The Druggists of Alberta have set a quota of \$100,000. Everyone you buy a 25c Stamp you receive a chance on a Frigidaire and \$1,000 in additional prizes.

FLY-O-CIDE IS SURE DEATH ON CONTACT TO FLIES TINS AT 45c and 25c We refill your tin when empty for 45c and 20c

MCKIBBIN'S DRUG STORE A.F. MCKIBBIN, Pharm. B., Prescription Specialist, CARBON, ALTA

THE ATTACK HAS ONLY BEGUN

Our Lads are depending on us for maximum support . . . even greater personal sacrifices . . . Let's give them all we've got . . . THEY DESERVE IT !

WORK - SAVE - LEND
TO SPEED VICTORY NOW !

Buy MORE . . .
War Savings Certificates

Space Donated by the
BREWING INDUSTRY OF ALBERTA

LOOK OUT FOR BANDED DUCKS

Duck hunting season is here. Searching down the flyways of the continent this fall, will go down to 30,000 DU banded ducks. Hooped up, that's a pile of bands!

Any hunter, on either side of the line, is liable to bag one, or more of these banded ducks. When he does, the band should be removed pronto and the serial number imprinted there on (or the band itself) sent immediately to the "Biological Survey," Fish and Wildlife Service, Washington, D. C., with the information on date and place of shooting, and species.

Up to December 31, 1943, Ducks Unlimited (Canada) has banded 21,181 waterfowl at 12 banding stations across North America's big duck factory in the Canadian west. The objective has been raised to 10,000 per year. To date in 1944 more than 6,000 bands have been attached—and are

being added to at the rate of 200 per day average.

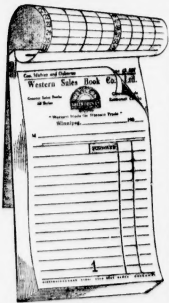
At the end of 1943, Mallards carried the most bands from DU flocks: 2,705; Blue-winged Teal, 2,707; Lesser Scaup, 3,514; Redheads and other species following to a lesser extent.

At December 31, 1943, 1,684 DU banded birds had been taken, 1,179 from U.S.A.; 465 from Canada; 31 from Mexico; others from Central America, West Indies, South America. These returns yielded a mass of exciting information; gave new data on migration routes, distances and waterfowl habits.

So, Mr. Hunter, when you are punting this season, remember—if you knock down a banded duck, send to the Biological Survey, Fish and Wildlife Service, Washington, D.C., the serial number of the band, date, place and species. Your co-operation is needed . . . to help produce more waterfowl for all.

ORDER YOUR

Counter Check Books



FROM
THE CARBON CHRONICLE

Commercial Printing

Do not try to economize on necessary expenses. Neatly printed business stationery is just as important to your business as any other of your necessary expenses, and it is poor economy to do without it. Blank writing paper and forms on which your name is written in with ink do not raise the prestige of your business. And if it's economy that you want, see us and find that our new prices are most reasonable.

The Carbon Chronicle

A heavy hail storm could do serious damage to wheat crops at this stage, he said, as hail now would shell and ruin ripener grain.



DR. K. W. NEATHY
Director
Live Eleventh Farm Service
Winnipeg, Manitoba

False Loose Smut of Barley

Last June, we published a description of "a third barley smut," and we appealed to grain buyers, members of junior farm clubs and others to send in, for identification, specimens of what looked like loose smut.

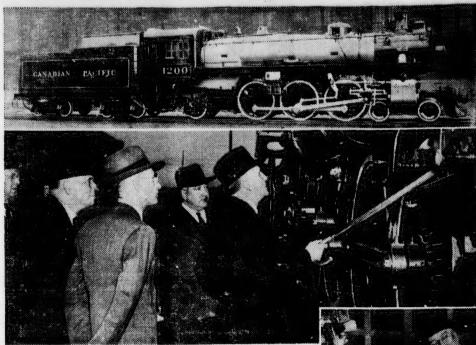
The response to our appeal was fairly good, and we are very grateful to those from whom specimens were received. Of 401 specimens, 110 proved to be ordinary loose smut, and 181 were false loose smut.

False loose smut involves less and less common from East to West. Of 140 Manitoba specimens, 66 (47%) were false loose smut; of 250 Saskatchewan specimens, 95 (38%) were false loose smut; and in Alberta 420 (35%) out of a total of 1,193 proved to be false loose smut. This can be explained, at least in part, by the fact that the practice of seed treatment increases from East to West. False loose smut can be controlled by ordinary methods of seed treatment, but ordinary loose smut cannot. 80% of all Alberta specimens, 70% of all Saskatchewan specimens and only 47% of all Manitoba specimens were derived from treated seed. In other words, it looks as though Alberta may be keeping false loose smut down by seed treatment.

It is also significant that of 85 Neely specimens, only nine were false loose smut. Neely is concentrated in Alberta. Of 99 Push specimens, 49 were false loose smut. Push is concentrated in Manitoba.

Due to the limited quantity of material, the above remarks must be regarded as suggestions rather than conclusions.

New C.P.R. Locomotive Class to be Post-War Model



Engine No. 1200, the first locomotive to be built by the Angus Shops of the Canadian Pacific Railway Company in Montreal to the company's own design since 1931, is pictured above on the trial tracks before being taken over by W. M. Neil, C.P.R., the vice-president, from H. B. Bowen, chief of motive power and rolling stock, under whose direction the engine was built and who worked at Angus Shops as an apprentice in 1905, on the classes of locomotives it will replace.

An entirely new class, designed for that part of the company's program for post-war power replacement dealing with more than 600 of the older locomotives, Engine No. 1200 will go to western Canada eventually, while Engine No. 1201 of the same class, due from Angus Shops in June, will stay in the East.

Responsible for the design of the 1200's was F. A. Benson, chief mechanical engineer (locomotive) and his staff, while the work at Angus Shops was under the control of H. M. Naylor, works manager there, and the supervision of D. I. Thornton, assistant works manager (locomotive). In the picture, left to right, are Mr. Thornton, Mr. Naylor, Mr. Benson, Mr. Bowen and Mr. Neil.

Mr. Neil was particularly interested in the cab, in which he is pictured in the inset, for it was here that 1,000 pounds was lopped off the total weight of the engine by reducing the portion of the cab overhanging the boiler, at the back, and by using aluminum instead of steel in the upper structure. The overall weight reduction was from 8,000 to 10,000 pounds the 1200's compared to the next nearest class in the

C.P.R. power lineup, thereby ensuring the widest running rights over bridges and other restricted truckage.

Material for the construction of the locomotives at Angus Shops was arranged for and work commenced before restrictions upon such material were put into effect. The actual work of building these engines was made to fit in with the general maintenance and munitions program, so as not to interfere in any way with the war effort.



Every Canadian looks forward to that head-line. Every Canadian believes that some day soon a great victorious convoy will thunder down the road to Berlin. Huge Canadian trucks . . . Canada's crack battle equipment, and gallant Canadian soldiers, world's finest fighting men, will all be there.

Will you be with them on the road? . . . or at least, on the way?

The smashing defeats we must inflict upon the enemy before that day, however, cannot be won except by fierce, determined fighting . . . and the First Canadian Army, you may be sure, will help to deal the hammer blows that punch the way along the Berlin road.

That's why Canada's Army needs men and needs them NOW! Join for General Service TODAY!

When Peace has come, you'll be proud to know (and know that the world knows) you had your place in the mighty force that fought its way to final VICTORY.



VOLUNTEER TO-DAY
JOIN THE CANADIAN ARMY
FOR OVERSEAS SERVICE

Production Of Supplies In Canada Gives Men At The Front A Sense Of Security

(By Edna Jacques)
"ONE of the main things we fellows keep in mind here in France is the knowledge that the folks at home are backing us to the limit. It's a great comfort to us." This is what one boy wrote home to his mother, in one of the first letters to come back to Canada from France.

He went on: "The great mass of equipment being brought in, would stagger your imagination. Guns, tanks, artillery, jeeps, hand-grenades, supplies for total war, food for thousands of men. The trucks move up the roads by the hundred, it's gigantic!"

"If we hadn't faith in the ability of the Allies to keep the rolling along, we'd be in bad shape. We know that the home fronts of all our Allies are steady and secure and they will see to it that we get our supplies, pronto. We also know that there is a lot more where these are coming from."

That is a priceless thing for fighting men to have—faith in the people at home. It gives them confidence and a sense of security that nothing else could.

They have faith in their allies, and they have faith in each other. With out this they couldn't have faced the blazing guns of the beachhead, the heavy tanks and machine guns. They know that they are fighting together for a great common cause.

And behind the lines, the commanders and generals, behind the fighting soldiers of earth, air and sea, there is faith in us—the folk at home, the wives and mothers, the munition workers, the welders, the riveters, the men and women who work on planes.

A paratrooper, standing before the yawning darkness of the "jump" down knows that his parachute will open, and he knows that his parachute will open right. He has faith in it, the person who packed it for him.

They have faith in their home. From the standing behind them, solidly. With tools of war, munitions, supplies. They see—in their eyes—long rows of armaments coming off the assembly lines. They know that bullets and shells are being turned out in a never-ending supply, that food is being grown and shipped, and that more is ever on the way.

It may seem a far cry from war, that the price of sugar or bread is not allowed to move upward. But how about the price of steel, nickel, gunpowder, rubber, lucite, a plane's compass—its camouflage paint for an invasion force. Keeping the home front prices at an even keel will keep all prices at a steady level. It's up to us—every citizen of Canada—to do his part.

Agricultural Research

Russia Has Made Discoveries In The Development Of Wheat

Much highly valuable agricultural research has gone on in Russia which is a particular interest for Canada. Hardy fruits and vegetables adapted to withstand frost and colder latitudes are being proved. Grains are developed to a point of hardiness before unknown.

Canada has her own record of research in such directions, but evidently the palm must be handed to the Soviet Union for the development of a new wheat which produces four harvests within two years from the one sowing. In land with a climate similar to the wheat-growing prairies of Saskatchewan and Alberta a production has been achieved of 30 to 40 bushels an acre.

Dominion agriculturists are not unaware of much of the progress made in their field in the Soviet Union. Perhaps in this country it may be wished that more time and energy could be devoted to research, and it may be that after the war more opportunities will open up along this line.

In a post-war world where the United Nations are to work along in harmony for the improvement of food production for all peoples, no doubt this discovery in Russia will be made available for the benefit of other regions where four wheat crops in two years might revolutionize life for the better—Ottawa Citizen.

HAD NO SUCCESS

Total failure on the part of enemy agents to sabotage any Canadian industry since the start of the war was reported by Inspector G. B. McCallan of the Royal Canadian Mounted Police at a Rotary Club meeting in Toronto.

People in the Trivandrum district of southern India built their houses on high trees because they live in mortal terror of elephants.

"2500 Headaches"



At the "pre-op" dinner to mark the 2500th sortie of the Moose Squadron, one of the originals of R.C.A.F. Bomber Group, when a Canadian-Built Lancaster bombed Stuttgart. Left, front to rear, are P.O. W. Walto, Reginald Warrant Officer L. F. Bailey, Montreal West, Que.; Sgt. P. R. Brown, Sutton, Que.; Sgt. G. Supergin, Georgetown, British Guiana; Sgt. L. F. Zamore, Paris, Ont.; and Sgt. P. L. Crumby, Trepoie Creek, Alta. Right, front to rear include: Flight Sgt. L. H. McDonald, Abbey, Sask.; Sgt. E. R. Lucking, R.A.P.; Warrant Officer W. Dorrell, R.F.D. 2 Willoughby, Ohio; Sgt. W. R. Corneli, Kitchener, Ont.; and Sgt. J. K. Matthews, R.A.P.

Smart Chimpanzees

These In London Zoo Know When Bombs Are Coming

Of all the animals in the London Zoo only the chimpanzees are flying-bomb conscious. They are called the "Achtung Chimps", reports the London Daily Mail. Lions, tigers, and nervous creatures like Henry, the flume in the children's zoo, are not aware of the peril in the sound of the flying bomb's engine. The "Achtung Chimps", however, hear the bombs when they are miles off, and they instantly distinguish between them and the engines of the fleets of Allied bombers which roar overhead.

It is practically impossible for human life to exist more than 60 hours without water, although it can continue for weeks without food.

Better Farm Homes

Have Been Neglected In The Matter Of Modern Equipment

The farm home has much too long been neglected in the matter of modern equipment. It is the greatest mass market in Canada for manufactured goods if we can provide the basic units at a price which farmers can afford to pay.

We must get away from the pioneer, almost peasant-like, conditions which prevail today in about 75 per cent of Canada's farm homes where more than 25 per cent of our population live and have their being.

Switzerland has been manufacturing paper since the first factory was established at Basel in 1140.

Girls To Rescue In C.P. Hotels



Girls replacing men who have joined the armed services or found their way into war industry, together with men beyond military age and are carrying much of the load in maintaining standards of service and cleanliness in Canadian Pacific Railway hotels throughout western Canada. Seven

Canadian-born Chinese girls act as parlourmaids at the Empress Hotel, in Victoria (left), and at the work above, left to right: Nellie Chung, May King, Helen Lowe, Violet Chung, head parlourmaid. Rose Fong, Lily Lowe, and Rose John. Their job is to keep the lobby and other public rooms in spotless condition, and they do it well. Even in heavier jobs around busy wartime hotels, however,

the so-called gentler sex acquits itself well. Mary Morrison and Catherine Myrko (lower left), work as parlourmaids at the Empress Hotel, in Victoria. They are also at the work above, left to right: Nellie Chung, May King, Helen Lowe, Violet Chung, head parlourmaid. Rose Fong, Lily Lowe, and Rose John. Their job is to keep the lobby and other public rooms in spotless condition, and they do it well. Even in heavier jobs around busy wartime hotels, however,

Vast Natural Resources Of India Help To Supply Allied Nations With Quantities Of War Material

MORE than half of all the tents used by the Allied armies in all theatres of war are made in India, according to Indian Information Services. Every year 5,000,000 yards of cloth come off Indian looms. Jute mills have produced thousands of millions of sand bags for protection against air raids.

Germany's Aims

Nazis And Junkers Have A Common Purpose

There are happenings and rumors that suggest that Hitler, like another Samson, is planning to tear down all Europe with him before he is finally destroyed. The desperate Nazis on one side and the calculating Junkers on the other may be momentarily at each other's throats, as the rumors seem to suggest. The Nazis are fighting for their lives; the Junkers are fighting for an age-old tradition. The Nazis hope, by the desperation of their defense, to weary their opponents of war. The Junkers have no such illusion. Their plan is old and well tried. They will admit defeat and save what they can, so that twenty, thirty, forty years from now they may fight on better terms. To them this is only a campaign in a "permanent" war.

So, strangely enough, by two different paths, these two opposing forces approach the same aim, the complete destruction of Europe. To Nazism it is the greatest mass market in the world, their crowning obsession. And with the Junkers' knowledge that having committed such dreadful crimes there is no added penalty that the world can impose for other and greater crimes. So the mad cry of killing goes on.

With the Junkers there is no desperation, there is no ferocity. Theirs is the calculated plan. When ever the terms of peace, they plan to emerge from the cataclysm of Europe just a little ahead of the world. This is how one of them, General Otto von Stuehlgen, military governor of Paris, outlines this policy as reported in the New York Times of March 12, 1944.

"What does a provisional defeat mean to us if we have been able to destroy so much manpower and materials in neighboring territories that we have obtained an economic and numerical superiority greater than before 1939? The conquest of the world will require numerous stages, but the essential is that the end of each stage brings us an economic and industrial potential greater than that of our enemies. With the war booty which we have accumulated, the enfeebling of two generations of the manpower of our neighbors, and the destruction of their industry, we shall be better placed to conquer 25 years from now than we were in 1939."

There is the blueprint for the future. There is the reason for getting things going over, decisively, before Europe has been made an ugly and untenable desert where no hopeful or generous or useful or beautiful thing remains.

A writer recently returned from Paris tells of the under German occupation of that once pleasure-loving, beauty-idolizing capital, and how fear and suspicion and hunger and treachery wiped out all the humanizing characteristics, sapped morals as well as morale.

Over the whole of Europe the story repeats itself. Fear and treachery are ruling that world. It is setting its mark on the nature generation. It is setting its mark on the very young. It is wiping out the treasures of a thousand years, namely, wisdom. What the Nazis are eager to spare, Germany makes a battleground. So what she cannot loot, she will destroy, that Europe may be bankrupt indeed, with no inspiring things to teach the people to still hold up their heads.

Let us not be deceived by the conflict in Germany. Whoever wins, the end is the same. We must destroy, and destroy quickly, before the Europe becomes a continent beyond hope.—From Liberty Magazine.

RECEIVED AWARD

Two R.A.F. men who served the King during his Italian visit received the medal of the Royal Victorian Order. They were Sgt. J. M. Duncan, who prepared all the meals the King ate while flying, and AC W. T. Jones of London, the steward.

IN SPARE TIME

While Calvin Ellis Stowe taught religion at Bowdoin College in Brunswick, Me., his wife compiled a book. Its title: "Uncle Tom's Cabin".

In fact so many have been produced that a spokesman for India claims that "if they were piled one over the other they would reach twice the distance of the earth to the moon."

Indians are the largest army clothiers in the British Empire, and the largest manufacturers of army boots in the Empire. A factory alone producing 10,000,000 pairs of shoes every year. India has the largest army boot producing unit in the British Empire.

More than 1,500 work shops and 40 munitions factories, spread all over the country and directly employing 6,000,000 workers, are today supplying war materials to the United Nations. Guns, shells, bombs, rifles, grenades, bayonets, explosives, armored vehicles, mine sweepers, and countless items of equipment ranging from batteries to parachutes are produced in these plants.

On the military side of the picture, India has been able to raise a peacetime army of 180,000 to a military force of 2,000,000 trained men. Most numbers of the armies have gone overseas and their renown as fighters is world wide. Their bravery has been recognized by a sword of at least seven Victoria Crosses in this war.

An address given in New York earlier this year, a spokesman for India remarked that India's achievement in both industrial war production and manpower mobilization during the past five years have been on a scale which could not have been imagined a few years ago.

Greenwich Time

Will Be More Accurately Recorded On Quartz-Crystal Clock

Greenwich time, which as the world time, has been recorded on a traditional pendulum clock at the Royal Observatory at London, soon will be computed on a quartz-crystal clock. Sir Harold Roscoe, present Royal astronomer, says the changeover will affect the measurement of time the world over.

The old pendulum clock was accurate to the degree of 1-100th of a second daily. The quartz-crystal clock is accurate to 1-100th of a second daily. It is hoped to reach accuracy of 1-100,000th of a second a day. This would mean that it would take 27 years to lose or gain a second.

The pendulum vibrates once each second. The crystal quartz vibrates 100,000 times in one second—of which can be recorded electrically.

This Week's Needlework



7213

Make your Fall wardrobe distinctive. The popcorn stitch cord bag is crocheted in two pieces, the star is made of 3-inch squares. Crochet your patterns and be in style. Pattern 7213 contains directions for two bags; illustrations; stitch; list of materials. To obtain this pattern send twenty cents in coin (patterns cannot be accepted) to Household Arts Department, Winning Newspaper, 175 McDermott Ave. E., Winnipeg, Man. Be sure to place "This Week's Needlework" in the address. "Because of the slowness of the mails delivery of our patterns may take a few days longer than usual."

by Alice Brooks

Make your Fall wardrobe distinctive. The popcorn stitch cord bag is crocheted in two pieces, the star is made of 3-inch squares.

Crochet your patterns and be in style. Pattern 7213 contains directions for two bags; illustrations; stitch; list of materials. To obtain this pattern send twenty cents in coin (patterns cannot be accepted) to Household Arts Department, Winning Newspaper, 175 McDermott Ave. E., Winnipeg, Man. Be sure to place "This Week's Needlework" in the address. "Because of the slowness of the mails delivery of our patterns may take a few days longer than usual."

The oldest examples of glass work were found in the Egyptian tombs, 4,000 years ago. 7283

WORLD HAPPENINGS
BRIEFLY TOLD

Historic Lincoln's Inn in Chancery Lane was among the greatest buildings smashed by the buzz-bomb.

An average of 1,000 pounds of salvage per 1,000 of population were collected in May from voluntary committees in Canada.

Cuba lifted a ban on electric signs, ending a dim-out instituted 22 months ago when U-boats were roaming the Florida straits and the gulf of Mexico.

George Bernard Shaw, in an article in the Sunday Observer, set \$2,000 to \$4,000 a year as the basic income necessary "to keep civilization safe and steady."

Five hundred passengers, queuing for a train in a subway at Waterloo station, London, were "gassed" when someone outside the entrance dropped a canister of tear gas.

A priority shipment of Argentine frogs arrived in the United States recently to combat insect pests that have been destroying Florida's sugar cane crop.

New ordinary life insurance to the value of over \$52,000,000 was sold in Canada and Newfoundland, during the month of July, according to figures compiled by the Life Insurance Society Research Bureau.

On the recommendation of the U.K. Dehydration Mission, which toured India last winter, a factory is to be erected at Ranipet for the production of pre-cooked and minced dehydrated mutton.

Eaton Hall, country home of the Eaton family on a 750-acre estate, 25 miles north of Toronto, was officially turned over to Wartime Civil Control Services, Inc. and the Royal Canadian Navy.

SUPERIOR QUALITY OF
SOY MILK

"Milk prepared from the soybean very closely resembles cow's milk in its composition," says an article in the American magazine Good Health. "Soy milk has several advantages over cow's milk which are well worth considering. It contains a little less, of which milk contains an excess, and, on the other hand, it contains nearly three times as much iron as does cow's milk."

"Another point of superiority of soy milk," the article goes on to say, "is well worth noting, namely, the fact that it may take the place of animal milk. In China, bird fanciers take hatchlings from their nests and rear them on an exclusive diet of soy milk. For centuries infants have been fed in a similar way in China when deprived of their natural food supply."

"Persons who are sensitized to cow's milk," the article adds, "can replace it successfully with soy milk. Soy milk also has the merit that it encourages growth in the intestine of the protective lactobacillus acidophilus. This combats intestinal putrefaction and disease. The quinquaplets were cured of their bowel trouble by the use of soy milk cultures of acidophilus."

In view of the possible milk shortage which Canada may have to face, the above article is not only interesting, but timely.

A New Helicopter

Different Type Invented And Demonstrated By California Youth

A new type of helicopter which eliminates the customary tail propeller and overcomes torque by using super-impaced, contra-rotating two-blade rotors, was demonstrated at San Francisco to the navy, army and national advisory committee for aeronautics by its inventor, 19-year-old Stanley Hilder, of Berkeley, Cal.

The ship rose vertically, leaving its landing gear in a circle, lifted forward, slid backward and landed within a foot of the take-off spot.

Young Hilder, son of a pioneer Pacific liner and steamship company president, said the experimental ship had a speed of about 100 miles an hour and cruises at from 1 1/2 to 50 miles an hour. The longest flight so far has been about 90 miles.

Your weight increases after a meal exactly by the weight of the food eaten.

SUNDAY SCHOOL LESSON

SEPTEMBER 17
THE KINGDOM STRONGLY ESTABLISHED

Golden text: They that trust in the Lord are not ashamed. Psalm 125:1.

Lesson: II Samuel, Chapters 1 to 3. Devotional Reading: Psalm 125.

Explanations and Comments

David Made King over Judah. II Samuel 2:4-7. After the death of Saul, David was anointed (crowned) king over his own tribe of Judah. Then he was told that the men of Jabesh-gilead were the ones who had buried Saul. These were the men whom Saul had saved from the Ammonites, his first act as king. In order to explain why this remark was made at this time, it has been suggested that the men of Judah also told David that the men of Jabesh-gilead would regard him as having been Saul's enemy and would be hostile to him. David at once sent messengers to them to thank them for the kindness they had shown to Saul in burying him, and to assure them that they should have no fear of Saul's death. David's attitude was sincere, his message was also a political one, for he doubtless hoped by his praise to win them to his cause, for there was an important position among the Israelite-Judahite tribes. It was with them that he later found refuge when he was forced to flee from Achish, 2 S. 17:24-29.

David Made King over Israel. II Samuel 5:1-10. Read the remainder of the second chapter and chapters three and four, which cover the seven and a half years that David reigned in Judah before he became king of Israel also. Then we come to the time when Ish-bosheth, son of Saul, had been king over the northern tribes, was killed with Abner, his chief supporter. There was no longer any member of the house of Saul who could aspire to the throne.

All the tribes of Israel, the northern tribes, realized that their best interests lay in a union with the tribe of Judah under David, their king, and their representatives came to him and said: "We are thy boys and thy flesh." Their first reason for wishing to have David their king is that they were kinsmen, descended from the same ancestor. Their second reason was that, in time past, when Saul was their king, he had led out and fought in the wars of Israel, and the leader of their military forces. Moreover, Jehovah had said to David, "Thou shalt be shepherd of my people Israel, and thou shalt be prince over Israel." Compare De. 1:15.

David Captures Jerusalem and Makes It Capital. II Samuel 5:10. David's first conquest was of Jerusalem, for if that stronghold were left in the hands of his enemies the Jebusites, it would separate the two parts of his kingdom. So confident were the Jebusites that their fortifications were impregnable that they boastfully declared that even the angels of heaven could not defend it against the Israelites; see the graphic translation of verse 6 in the Revised Version. David was unturbed by their defiant words and proceeded to capture the city.

Returned Men

Have Fought For The Survival Of A World Of Freedom

In one of the many books that come from the press these days as blueprints for the future we read this:

"It will be difficult to find the equal, comparable, obedient boys we sent away in the bitter, angry, hard men who come back."

Mischievous talk, that. We have met many of the boys who have returned from overseas, heard from many more, and we have been unable to discover that they are bitter, angry or hard. Mostly they seem the lovable, clean and gallant lads that went from us, proud that they played their part. To picture them as a class apart, bitter and resentful, is as false as it is foolish.

We must have thought, constant memory for these young men. Twice within the lives of many of us they have been asked to stand at the gates of death, to risk their all in a conflict they did not make. Eternally we must be grateful.

But no debt to our soldier youth will be paid by attempts to set them up as a class, to separate them, politically or otherwise, from others in this country; and only grave harm must come to them if they are exploited by agitators bent on using them for their own pet schemes. Listening to some of our ideologues, with their alien doctrines, one might imagine that most of our soldiers, sailors and airmen spent their time overseas brooding over a land back home that they now pictured as rotten. It isn't true. Most of them young men went out to fight for a homeland they loved, for things they deemed precious, and for most of them the salvation of such things will be enough—the survival of a world in which they will remain free to fashion their own lives under fair opportunity and with decency and dignity.

That, not the role of "bitter, angry, hard men" nor the crackpot creeds of doctrinaire star-gazers, is what we feel sure they want when they return.—Ottawa Journal.

Admiral Is Air Line's 500,000th Passenger



highest ranking Canadian Naval officer on this side of the Atlantic, is the 500,000th passenger to travel on Trans-Canada Air Lines. In the photograph he is seen chatting with G. T. Larson, vice-president of T.C.A., before his take-off from Winnipeg to Ottawa. The stewardess is Margaret McCartney and the other passenger is Lieut. F. A. Good.

In 1937, the year of its incorporation, T.C.A. operated over a route 132 miles long. Today, its routes total 2,276 miles and its aircraft fly annually between 9,000,000 and 10,000,000 miles, on regular service between St. John's, Newfoundland and Victoria, B.C., between Toronto and New York, Toronto, London and Windsor and between Lethbridge, Calgary and Edmonton.

Trans-Canada Air Lines also operates for the Dominion Government a trans-Atlantic air mail service for the troops overseas.

In the first year of daily transcontinental operation, 1939, T.C.A. carried 21,560 passengers. The estimate for this year is 169,734.

New Flying Suits Indian Officers

Designed By U.S. Navy Doctors

Contains Built-In Tournequets

A flying suit designed "built-in" tournequets" has been designed by U.S. navy doctors as a possible aid in the control of bleeding among wounded pilots during combat.

"Combat pilots often return to their carriers or land bases with wounds that are bleeding freely," declared Lt.-Cmdr. Russell G. Witwer and Lieut. William F. Leach in the naval medical bulletin.

"Many of them do not have the strength, means or time to control hemorrhage while flying the planes." To meet such emergencies, the doctors said they designed a flying suit bearing four adjustable tournequets, one in each arm and leg. Any flying suit, they said, could easily be converted into the type described.

REMINDER TO MOTORISTS

A reminder to motorists: the life of a tire when the car is driven at 35 miles an hour is 50 per cent. longer than if the speed were 50 miles an hour; three times longer than if the car were driven at 60 miles an hour.

Since Last War Number Increased From Twelve To 307

When the last war ended there were only twelve commissioned Indian officers in the Indian Army. The aid in the control of bleeding among wounded pilots during combat.

The Indian Army itself has grown enormously from some 20,000 in 1928 to the present strength of 2,250,000 Indians, of which over 10,000 are Indian officers—that is, 25 per cent. of the officers in the Indian Army. The policy is to increase the percentage as rapidly as is practical until it reaches 100 per cent. Indian.

Indian divisions are formed of Indian Army and British Army units brigaded together. Originally the Indian Army followed a policy of placing Indian officers in command only of Indian troops. This policy has now been abandoned and Indian and British officers may both have European and Indian troops under their command.

The average household uses eight light bulbs a year in normal times.

THIS CURIOUS WORLD

By William Ferguson

A PEARL WAS FOUND

FOSSIL OYSTER, FORMED MILLIONS OF YEARS AGO. COCKE COUNTY, TEXAS.

COSMIC RAYS CAN BE DETECTED ONE MILE BELOW THE SURFACE OF THE OCEAN.

NAME A BIRD TO MEET A NEAR A WATERFALL B. IN A CHIMNEY C. ON A ROCKY CLIFF D. UNDER A BRIDGE E. IN A HOLE PECKED IN A TREE.

ANSWER: A, Water Cuckoo; B, Chimney Swift; C, Golden Eagle, and many others; D, Phoebe; E, Woodpecker, Chickadee, and many other species.

REG'LAR FELLERS—A Real Gold Mine

BY GENE BYRNES

LIFE'S LIKE THAT

"How could I stall him off? He heard you answer the sixty-four dollar question on the radio last night!"

BY GENE BYRNES

Aims Of Egypt

After The War, Will Ask For Complete Freedom Of Trade

Premier Mustafa Nahas Pasha indicated that after the war Egypt would seek amendment of the 1936 treaty with Britain so as to give Egypt what he termed "complete freedom of trade."

In an address broadcast on the treaty's anniversary the premier stated "three aspirations" as Egypt's post-war aims.

"First is to complete the country's independence," he said.

The second aim is "consolidation of democratic principles" and the third is "to help all Arab countries achieve co-operation in order to stand as one united bloc among free nations of the world."

A treaty of alliance was signed by Britain and Egypt, Aug. 26, 1936, recognizing the sovereignty of Egypt while safeguarding British interests and communications in the former protectorate. One of the terms authorized Britain to station troops in Egypt and assist Egyptians in defence of the Suez canal.

Aims Of Egypt

After The War, Will Ask For Complete Freedom Of Trade

Premier Mustafa Nahas Pasha indicated that after the war Egypt would seek amendment of the 1936 treaty with Britain so as to give Egypt what he termed "complete freedom of trade."

In an address broadcast on the treaty's anniversary the premier stated "three aspirations" as Egypt's post-war aims.

"First is to complete the country's independence," he said.

The second aim is "consolidation of democratic principles" and the third is "to help all Arab countries achieve co-operation in order to stand as one united bloc among free nations of the world."

A treaty of alliance was signed by Britain and Egypt, Aug. 26, 1936, recognizing the sovereignty of Egypt while safeguarding British interests and communications in the former protectorate. One of the terms authorized Britain to station troops in Egypt and assist Egyptians in defence of the Suez canal.

Trans-Canada Air Lines also operates for the Dominion Government a trans-Atlantic air mail service for the troops overseas.

In the first year of daily transcontinental operation, 1939, T.C.A. carried 21,560 passengers. The estimate for this year is 169,734.

New Flying Suits Indian Officers

Designed By U.S. Navy Doctors

Contains Built-In Tournequets

A flying suit designed "built-in" tournequets" has been designed by U.S. navy doctors as a possible aid in the control of bleeding among wounded pilots during combat.

"Combat pilots often return to their carriers or land bases with wounds that are bleeding freely," declared Lt.-Cmdr. Russell G. Witwer and Lieut. William F. Leach in the naval medical bulletin.

"Many of them do not have the strength, means or time to control hemorrhage while flying the planes." To meet such emergencies, the doctors said they designed a flying suit bearing four adjustable tournequets, one in each arm and leg. Any flying suit, they said, could easily be converted into the type described.

REMINDER TO MOTORISTS

A reminder to motorists: the life of a tire when the car is driven at 35 miles an hour is 50 per cent. longer than if the speed were 50 miles an hour; three times longer than if the car were driven at 60 miles an hour.

THIS CURIOUS WORLD

By William Ferguson

A PEARL WAS FOUND

FOSSIL OYSTER, FORMED MILLIONS OF YEARS AGO. COCKE COUNTY, TEXAS.

COSMIC RAYS CAN BE DETECTED ONE MILE BELOW THE SURFACE OF THE OCEAN.

NAME A BIRD TO MEET A NEAR A WATERFALL B. IN A CHIMNEY C. ON A ROCKY CLIFF D. UNDER A BRIDGE E. IN A HOLE PECKED IN A TREE.

ANSWER: A, Water Cuckoo; B, Chimney Swift; C, Golden Eagle, and many others; D, Phoebe; E, Woodpecker, Chickadee, and many other species.

REG'LAR FELLERS—A Real Gold Mine

BY GENE BYRNES

LIFE'S LIKE THAT

"How could I stall him off? He heard you answer the sixty-four dollar question on the radio last night!"

BY GENE BYRNES

Aims Of Egypt

After The War, Will Ask For Complete Freedom Of Trade

Premier Mustafa Nahas Pasha indicated that after the war Egypt would seek amendment of the 1936 treaty with Britain so as to give Egypt what he termed "complete freedom of trade."

In an address broadcast on the treaty's anniversary the premier stated "three aspirations" as Egypt's post-war aims.

"First is to complete the country's independence," he said.

The second aim is "consolidation of democratic principles" and the third is "to help all Arab countries achieve co-operation in order to stand as one united bloc among free nations of the world."

A treaty of alliance was signed by Britain and Egypt, Aug. 26, 1936, recognizing the sovereignty of Egypt while safeguarding British interests and communications in the former protectorate. One of the terms authorized Britain to station troops in Egypt and assist Egyptians in defence of the Suez canal.

Trans-Canada Air Lines also operates for the Dominion Government a trans-Atlantic air mail service for the troops overseas.

In the first year of daily transcontinental operation, 1939, T.C.A. carried 21,560 passengers. The estimate for this year is 169,734.

New Flying Suits Indian Officers

Designed By U.S. Navy Doctors

Contains Built-In Tournequets

A flying suit designed "built-in" tournequets" has been designed by U.S. navy doctors as a possible aid in the control of bleeding among wounded pilots during combat.

"Combat pilots often return to their carriers or land bases with wounds that are bleeding freely," declared Lt.-Cmdr. Russell G. Witwer and Lieut. William F. Leach in the naval medical bulletin.

"Many of them do not have the strength, means or time to control hemorrhage while flying the planes." To meet such emergencies, the doctors said they designed a flying suit bearing four adjustable tournequets, one in each arm and leg. Any flying suit, they said, could easily be converted into the type described.

REMINDER TO MOTORISTS

A reminder to motorists: the life of a tire when the car is driven at 35 miles an hour is 50 per cent. longer than if the speed were 50 miles an hour; three times longer than if the car were driven at 60 miles an hour.

THIS CURIOUS WORLD

By William Ferguson

A PEARL WAS FOUND

FOSSIL OYSTER, FORMED MILLIONS OF YEARS AGO. COCKE COUNTY, TEXAS.

COSMIC RAYS CAN BE DETECTED ONE MILE BELOW THE SURFACE OF THE OCEAN.

NAME A BIRD TO MEET A NEAR A WATERFALL B. IN A CHIMNEY C. ON A ROCKY CLIFF D. UNDER A BRIDGE E. IN A HOLE PECKED IN A TREE.

ANSWER: A, Water Cuckoo; B, Chimney Swift; C, Golden Eagle, and many others; D, Phoebe; E, Woodpecker, Chickadee, and many other species.

REG'LAR FELLERS—A Real Gold Mine

BY GENE BYRNES

LIFE'S LIKE THAT

"How could I stall him off? He heard you answer the sixty-four dollar question on the radio last night!"

BY GENE BYRNES

Synthetic Rubber

New Process To Stop Up Production Of Tires

A new method of processing synthetic rubber in the U.S. was disclosed by the General Tire and Rubber Company which said the development will stop up production of military tires and "hasten the day" when civilians can replace their passenger car tires.

The development consists of a process of adding carbon black—which provides the wearing surface of a tire—to the rubber while the rubber still is in the liquid stage.

Hitherto in the processing of both natural and synthetic rubber, the company said, it has been necessary to grind the carbon black into dried rubber in a lengthy milling process.

Company officials said the new technique had these advantages:

1. A 35 per cent. reduction in milling time.
2. An equal percentage cut in manpower on milling operations.
3. A 20 per cent. reduction in power consumption.
4. Lower production costs.

Company officials said the new technique had these advantages:

1. A 35 per cent. reduction in milling time.
2. An equal percentage cut in manpower on milling operations.
3. A 20 per cent. reduction in power consumption.
4. Lower production costs.

X-X OUR CROSSWORD PUZZLE X-X

No. 4900

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66
67	68	69	70	71	72	73	74	75	76	77
78	79	80	81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108	109	110

Designed By U.S. Navy Doctors

Contains Built-In Tournequets

A flying suit designed "built-in" tournequets" has been designed by U.S. navy doctors as a possible aid in the control of bleeding among wounded pilots during combat.

"Combat pilots often return to their carriers or land bases with wounds that are bleeding freely," declared Lt.-Cmdr. Russell G. Witwer and Lieut. William F. Leach in the naval medical bulletin.

"Many of them do not have the strength, means or time to control hemorrhage while flying the planes." To meet such emergencies, the doctors said they designed a flying suit bearing four adjustable tournequets, one in each arm and leg. Any flying suit, they said, could easily be converted into the type described.

REMINDER TO MOTORISTS

A reminder to motorists: the life of a tire when the car is driven at 35 miles an hour is 50 per cent. longer than if the speed were 50 miles an hour; three times longer than if the car were driven at 60 miles an hour.

THIS CURIOUS WORLD

By William Ferguson

A PEARL WAS FOUND

FOSSIL OYSTER, FORMED MILLIONS OF YEARS AGO. COCKE COUNTY, TEXAS.

COSMIC RAYS CAN BE DETECTED ONE MILE BELOW THE SURFACE OF THE OCEAN.

NAME A BIRD TO MEET A NEAR A WATERFALL B. IN A CHIMNEY C. ON A ROCKY CLIFF D. UNDER A BRIDGE E. IN A HOLE PECKED IN A TREE.

ANSWER: A, Water Cuckoo; B, Chimney Swift; C, Golden Eagle, and many others; D, Phoebe; E, Woodpecker, Chickadee, and many other species.

REG'LAR FELLERS—A Real Gold Mine

BY GENE BYRNES

LIFE'S LIKE THAT

"How could I stall him off? He heard you answer the sixty-four dollar question on the radio last night!"

BY GENE BYRNES

Wages

OF BUSY HOUSEWIVES

For meals-in-a-hurry at any time of day—breakfast, lunch, between-meal snacks—clever housewives rely on Kellogg's ready-to-eat cereals. They're ready to serve in 30 seconds... need no mixing or cooking. Easy to digest. Economical, too!

4 out of 5 Canadian housewives rate Kellogg's FIRST FOR SAVOUR!

Save Time... Save Work... Save Fuel!

Kellogg's CORN FLAKES

THE ORIGINAL
"FIRST FOR SAVOUR!"

Weapon Not New

Idea of Robot Bomb Used by Greeks 2,000 Years Ago

The Germans have been in ecstasies over their robot bombers. But actually these "doodle-bugs" are not even new. They may be a very great mechanical advance, but the idea they embody is at least two thousand years old, states a London correspondent of the Ottawa Journal. They are in fact a scientific elaboration of the 20th century Greek fire, a weapon well known to R. C. military practice. The original "Ira Gregoria" was shot with a pile or javelin from an engine operating on the sling principle. Gibbon describes it in a passage which might well apply to the modern doodle bug. "It came flying through the air like a winged long-tailed dragon about the thickness of a hedgehog, with the report of thunder and the velocity of lightning, and the darkness of the night was dispelled by this deadly illumination."

Back To The Soil

Will Continue To Govern Our Food Production

Dr. E. S. Archibald, director of the Dominion Experimental Farms, recently drew attention to a fact which is easily overlooked in the midst of all our discussions, dissertations, laws, plans and conferences.

Said he: "I cannot too strongly emphasize the fact that, next to our farmers' own ability, the soil of Canada will continue to govern our food production."

Legislation and conferences will not do it.—London Free Press.



YOU'RE A WHIZZ OF A COOK

ROYAL'S A WHIZZ OF A YEAST

MAKES GORGEOUS TASTY BREAD—NO COARSE HOLES—NO DOUGHY LUMPS



ROYAL YEAST CAKES

Airtight wrapper protects strength and purity ALWAYS DEPENDABLE!

Advice For Beekeepers

Better Management In Fall Cans Greatly Reduce Winter Loss

One of the first things most beekeepers do in the spring is to compute their winter losses. Every year these amounts to thousands of colonies either dead or so badly weakened that they are unable to build up into profitable producers by the time the main honey crop is ready to be harvested, says C. B. Goodenham, Dominion Apiarist, Central Experimental Farm, Ottawa. Dead and weakened colonies, however, do not represent the total loss because the food given these colonies and the time and labour spent in preparing them for winter is also lost.

Winter losses can be substantially reduced by better management in the fall. One of the main essentials for successful wintering is strong colonies of young bees. To try to winter weak colonies or colonies consisting largely of old bees is to invite disaster for they will only be counted among the lost next spring. Why take the risk of losing them besides increasing the loss by feeding and preparing such colonies for winter, queries Mr. Goodenham. Take the loss in number of colonies now by uniting all those that do not have enough bees to cover at least six standard combs, he urges. By doing so, the food, time and labour required for those weak colonies will be saved and there will be fewer dead and weakened colonies next spring.

It is far better to put extra food into a few strong colonies than it is to spread it thinly among the expense of preparing colonies for wintering which is no more than for weak ones. Maximum colony production and minimum production costs are the beekeepers' goal but it cannot be attained by taking risks with weak, underfed or unprotected colonies. Nor is it wise to place too much reliance on package bees to replace losses; it is more economical to prevent them.

Show Of Rudeness

Action Of A Crowd At The Bus Stop

Rudeness of a shocking nature has become an accepted form of deportment at the more crowded bus stops during peak hours. Officers have found among no special age group or class; they all appear to be actuated by the same spirit of selfishness and their behavior does them no credit. Some strong-arm individuals think nothing of "rushing for the seats" and pushing women and children and glowering defiance at anyone who dares tempt to give them a merited rebuke.

There is one way to control this situation, and that is by compelling those persons waiting for buses to form in line, as is done in England.—Hamilton Spectator.

VERSATILE JEEP

A Jeep was used by officers of a Gold Coast field company to transport supplies down the Kalamian river in Burma. The wheels were removed from the jeep, which was mounted on a dugout canoe raft built by Afr. can savages, and a wooden propeller was fitted.

PROOF ENOUGH

To test the truth of a certain hot weather edge, municipal airport employees at Portland, Maine, dropped a dozen eggs on a macadam runway. In 10 minutes they were ready to serve.

OUR COMPLETE SHORT STORY—

"KING OF THE SNAKES"

By FRED D. HOWARD

McClure Newspaper Syndicate

"Keep shy of Rambauer's snake kingdom," said the man with the warning to Captain Jim Stratton.

But Captain Stratton had not heeded. He was too hot on the trail of the Diamond Cave of Kadhah. Feverishly he and his wife fought their way through the tangled African jungle. Far behind them the other members of the expedition were preparing to camp for the night. But they were too pushed on through the gathering dusk like blind people searching for the rainbow's end.

Captain Stratton stopped to look at his map. "We're getting close, Claire," he cried jubilantly.

"Look! King Stratton pointed; 'The Devil's Hump.' Only a few yards distant to the left a giant tree, rugged and mossy, made a weird loop as if some mighty hand had twisted the huge trunk to please a monster's fancy.

"Darling, we've found it!" Captain Stratton caught his wife by the hand and they rushed pell-mell through the high grass toward the crooked tree. Behind it a mammoth rock surrounded by undergrowth they found it—the Diamond Cave of Kadhah. High enough for a man to walk up, the cavern opened up suddenly out of the earth like the maw of a monstrous animal. Within all was dark. "Well, here she is," exclaimed Captain Stratton with mock dryness. "Shall we go in?"

"Why not? That is what we came for," Claire's voice was challenging, without a trace of fear. Captain Stratton unheeded his wife's warning, stepped into the flashlight they made their descent. The interior was dark and the air had a stink of staleness. The floor was the entrance to the cavern, with leaves and twigs, accumulated with passing years.

"Nothing," he indicated diamonds about this," groaned the captain with the despair of a dreamer suddenly awakened. "Just a lot of dirt!" Claire was equally disappointed. "Yes, it seems that way, but let's see all of it."

Ahead of them a sheer black wall of rock shone in the flashlight's glare. "Well, this seems to be the end of it," Captain Stratton looked spiritually agonized at an outstanding boulder which, to his amazement, yielded to his weight.

"Wait!" he cried, regaining his balance. "Here's an opening." With pressure the huge rock pivoted around as gracefully as a well-oiled door. The room revealed was even larger than the main passageway. Captain Stratton flashed his light toward the back. Rock. Rough and dry. He shifted the beam to the floor. Diamond! Hundreds.

Jim Stratton staggered back, unable to believe his eyes. "Look, Claire," he gasped, "do you see what I see?"

Claire grasped the flashlight. "Diamond! An incredible number of them." Together they entered, sinking to their knees, picked up handfuls of the stones, let them dribble through their fingers, then picked them up again.

At length the adventurous couple came back to earth with a jolt. It was dark now, much too dark to undertake the return journey to camp; and somewhere not far away were Monsieur Rambauer, the mysterious



WHY HAVE SORE FEET?

JUST RUB IN MINARD'S OINTMENT

IF YOU SUFFER MONTHLY FEMALE PAIN

Who suffers such pain with tired, swollen, irritable feet will find relief in Minard's Ointment. It is a powerful remedy for all kinds of ailments. It is a powerful remedy for all kinds of ailments. It is a powerful remedy for all kinds of ailments.

jungle herd, and his army of trained cobras.

Fearful of jeopardizing their incalculable riches, Captain Stratton and Claire built a small fire in the cave and made what preparations they could to spend the night.

Leaning on her husband's shoulder, Claire suddenly grew tense. "Jim look! What's that coming in the night, slowly advancing?"

"A snake," whispered Captain Stratton. "Good heavens! Quantities of them."

Surrounding the circle of firelight toward the entrance, little eyes peered ominously at them, the pale light making the tiny orbs seem like small coals of fire.

"Rambauer's trained cobras," whispered Captain Stratton. He reached for his revolver but recoiled with a hopeless nod. "It's no use. I couldn't hit more than one or two. There's one chance. Are you game, darling?"

Will offer Claire kept her voice from trembling. "Yes," she said. "What must we do?"

"Only one of us can survive. A cobra's bite is deadly. I'll take my life in my arms and run through them, or both of us will die. Ready?"

"Yes," Claire said. "I'm ready. I'd rather die with you."

Captain Stratton looked tenderly at his wife. "That would be foolish, dear. Look! They're almost here!"

"Forcibly he lifted her in his arms and made a quick dash into the midst of the advancing reptiles. Claire screamed.

Captain Stratton felt a scaly body squirm beneath his feet and sharp fangs sink into the soft flesh of his leg.

"Claire, it got me." Running while he was out of breath, he set her down and leaped, against a tree. In a few minutes he would die! "You were in their eyes as they embraced each other for the last time."

The sound of feet hurrying through the brush and a hawker's cry came rapidly toward them. Seeing them, a native called, "Monster—monster—what happened?"

"It bit me the cobra," gasped Captain Stratton.

"But, monsieur," cried the runner with relief, "we removed the poison some months ago!"

SMILE AWHILE

Man (in restaurant)—Are these eggs fresh?

Waitress—Mater, those eggs are as fresh as the hens haven't even mated them yet.

Orator: "And now, gentlemen, I should like to tax your memory. Member of Audience: "Good heavens! Has it come to that?"

"Their practice was out early last night, wasn't it?"

"Yes."

"What was the trouble?"

"Some one blew an auto horn outside the male quarter was all that was left."

Aunt Mary: "Why are you talking a black dress to the seaside?"

Joan: "Well, Henry isn't a very good swimmer."

Pte. Sylvester: "Some achieve greatness, others have greatness thrust upon them."

Pte. Ruddy: "You're telling me—I'm wearing army boots, too."

"How come you didn't turn out?" demanded the sergeant. "Didn't you hear the bugle blow reveille?"

"Honest, sergeant, I'm afraid I'm going to be a cop as a soldier. I don't know one turn from another."

"Eternity is so vast—no one can comprehend it," said the speaker. "Perhaps," said the little man in the back row, "you never thought anything on the monthly payment plan."

The young man went into the shop and said to the cashier: "I wish to pay the last instalment on the perambulator." The smiling cashier handed him his receipts and asked him how he liked it.

"Oh, I'm feeling fine, thank you," was the reply.

The pastor was examining one of the younger Sunday school classes and asked the question: "What are the sins of omission?" Little Tot (after a little silence): "Please, sir, they're sins we ought to have committed and haven't."

Headstrong Great: "You ought to cut my hair cheaper, there's so little of it."

"Oh, no. In your case we don't charge for cutting the hair; we charge for having to search for it."

UNUSUAL SUPPER TREAT

The Whole Family will Enjoy

PREMIUM LIP PATTIES

1 pound liver	1 egg fine Christie's Premium Soda	2 tablespoons chopped green pepper
2 small onions	1 egg beaten	1 tablespoon lemon juice
1/2 cup liver	1/2 teaspoon pepper	

Place liver in wash in shallow pan. Cover and simmer for five minutes over low flame. Drain water and reserve 1/2 cup for stock. Grind liver and onion. Pour stock and reserved liver into Premium Soda Cracker crumbs and add to ground liver with remaining ingredients. Mix well. Shape into 8 patties. Bake in hot fat. The fatty goodness of Christie's Premium Soda Cracker brings out the full flavor of other foods. Always extra rich in salts, soups, dressings, etc. Always keep a package or two on hand.

Christie's Premium Soda Crackers

There's a satisfying taste for every Cracker.

CHRISTIE, BROWN AND COMPANY LIMITED Bakers, TORONTO & WINNIPEG

AUCTION—100 HEREFORDS

Manitoba Herford Breeders' Association Sale of 100 Registered Polled and Horned Herefords at Auction, October 17th, Provincial Exhibition, Fair Grounds, Brandon. Write J. R. BELL, Live Stock Commissioner, Legislative Buildings, Winnipeg, Manitoba.

The Maquis

Took To The Bush And Carried On Their Resistance

We are calling them "The Maquis" though, if we wanted to be fussy, we would have to call them Maquisards—men of the Maquis. Maquis means, roughly, "bush" or "scrub" such as occurs in Corsica. French patriots "took to the bush" and carried on their resistance from the strongholds. In recent years the name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

The name Maquisard caught on. French patriots of France there is rough country tangled with gorse and briar, local variations of the Corsican maquis.

New Industry

Now Deriving Chemicals From Seaweed In Scotland

Gulliver found the scientists of Scotland chattering numbers from cucumbers. A no less amazing new industry is being developed in Scotland, to derive chemicals from seaweed. In recent years seaweed has been found to have extensive potentialities in relation to the making of textiles, transparent plastics, foodstuffs, sizing material, surgical, medical and dental materials. A Scottish Seaweed Research Association is being formed to look into the possibilities of this new industry in Scotland, under the eyes of the Ministry of Supply. The Scottish Council on Industry. The development commissioners will give pound for pound grants to the association up to a maximum of £25,000 (\$100,000). The Engineering Division will maintain and develop a ship specially equipped for the survey and collection of deep sea weeds.—Ottawa Citizen.

BACKACHE?

Look out for Trouble With Your KIDNEYS

If your back aches or if you have disturbed sleep, burning or smarting, look out for trouble. Backache is a sure sign that your kidneys are not fully doing their duty. Backache, dizziness, puffiness and rheumatic pains may follow. Your kidneys need help—and there is a sure cure. Write plain text to help them. Write plain text to help them. Write plain text to help them.

Rather Unusual

One Canadian Padre Received His Christmas Mail In August

It's Christmas in August for Maj. J. R. Field, Canadian Army padre, home after three years overseas service.

Maj. Field has just received 67 letters and cards sent overseas by friends in Guelph last Christmas.

"To be sure," says the Canadian priest in an August heat wave is a bit unusual," said the padre when the letters were forwarded to his Canadian address.

TRAINING CHILDREN

Don't teach your small child to interrupt conversation when he comes into a room where adults are congregated. If he starts to take the centre of the stage, tell him "Mrs. So-and-so is talking; wait until she has finished." Children who are untrained in this respect are a nuisance and later suffer for it.

EASY! QUICK! PERFECT

The New Lintex

CANADA'S FIRST AND ONLY ALL-FABRIC DYE

GUARANTEED TO DYE ALL FABRICS INCLUDING—NYLON, CELANESSE AND MIXTURES

SOLD EVERYWHERE—NO INCREASE IN PRICE

Mrs. M. Craddock arrived from De **FREUDENTAL BAPTIST CHURCH**

FREUDENTAL BAPTIST CHURCH

L. Guttman, prop. :: Carbon, Alberta

SEE THE
AGENT **W. A. BRAISHER**

PIONEER GRAIN COMPANY
LIMITED

Does weak, rundown, exhausted condition make you feel fagged out, odd? Try Gestrax. Contains general tonics, stimulants, often needed after 30 or 40. Supplies iron, calcium, phosphorus, vitamin B₁₂. Helps you get normal pep, vim, vitality. Introductory size skintex Tonic Tablets only 25¢. For

Mr. and Mrs. Frank Halstead, Miss Ella Mackay and Mr. and Mrs. Stan Machell of Calgary spent Sunday with Mr. and Mrs. John Atkinson Sr. Mrs. Machell will visit with her parents here for a few days, and the other members of the party returned to Calgary.

S. N. WRIGHT, Auctioneer

to all who are friendless and wish
friendship, to all who pray and to all

The Alberta Pacific Grain Co. (1943) Ltd.

If one will do -

Board to meet the problem are given below.

AND RESULTED FROM:

Don't buy two

THE WARTIME PRICES AND TRADE BOARD

THIS IS ONE OF A SERIES OF ANNOUNCEMENTS GIVING THE FACTS ABOUT THE SUPPLY SITUATION OF VARIOUS WIDELY USED COMMODITIES